



065-73051FXSCPOE

**4-port 10/100BaseT/TX PoE plus 1
port 100BaseFX Multimode SC PoE
Switch**

User's Manual

Overview:

The Signamax 065-73051FXSCPOE PoE Switch complies with the IEEE 802.3af standard, with Power over Ethernet supplied over Category 5 or better cable at distances within 100 meters, supporting IEEE 802.3af terminal devices as a PoE Power Source Equipment (PSE). In addition, when a device other than a PoE Powered Device (PD) is connected to a PoE-equipped port, the switch will not supply PoE power to that port, ensuring safety for data-only connections.

This device provides 15.4 watt power to up to four PoE-capable ports using its internal power supply, and also has one 100BaseFX SC multimode fiber port for built-in backhaul capability. It has a sturdy metal case, in a desktop form factor; wall mounting hardware is also included.

PoE switches supply power and transfer data by using network cables; network cables do not require a qualified electrician to install them, and can be located anywhere, reducing the time and expense of having electrical power cabling installed.

The Signamax 065-73051FXSCPOE is the ideal choice for those who desire to economically deploy wireless access points, IP cameras, access control devices, and IP telephones with 15.4 watt IEEE 802.3af power requirements.

Key Features:

- **IEEE 802.3af Power over Ethernet PoE compliant.**
- **Supports 10/100Mbps Fast Ethernet.**
- **4 x 10/100BaseT/TX Auto-MDIX PoE ports.**
- **1 x Fiber uplink port with multimode SC connector.**
- **Internal power supply.**
- **Provides up to 15.4 watts for PoE.**
- **Automatically detects the PoE Power Class level of a Powered Device.**
- **1 Gbps switch backplane bandwidth for full wire-speed non-blocking reception and transmission.**
- **Forwarding rate: 100 Mbps / 148,800 pps; 10 Mbps / 14,880 pps.**
- **Status LEDs: System Power, PoE, 100 Mbps, and Link / Activity.**
- **Store-and-forward switching method.**
- **Back pressure Flow Control for Half-Duplex mode.**
- **IEEE 802.3x Flow Control for Full-Duplex mode.**
- **Power saving technology powers down both unused ports and when a connected device is in standby mode.**
- **Plug and Play for easy installation and use.**
- **5-year limited warranty.**

User Guide:

1. Check the PoE switch:

1. Please check the enclosure, the RJ-45 ports, and the LED indicators, making sure they are ok.
2. Connect the PoE switch to AC power, making sure the initialization of the PoE switch occurs as below:
 - POE indicator is off when power is connected.
 - POW indicator is on and remains on after connection to AC power.
 - Other indicators will be on, then off after one or two seconds.

2. Cable connection:

1. Connect the Switch to Computer or other PD (such as an IP camera or wireless AP) by Cat. 5 or better cables.
2. Connect the external power cord to the Switch and the power cord to AC plug
3. Turn on the switch

Caution:

- 1) All operation should be provided only by a qualified service technician.
- 2) Make sure the PDs you connected to the Switch are compliant with IEEE 802.3af or 802.3at.
- 3) Make sure the power is off before unplugging the AC power.
- 4) Makes sure all PoE PDs power consumption is less than total power
- 5) Please avoid any heavy thing placed on the Switch.
- 6) Do not use this product near water, for example, in a wet basement or near a swimming pool.
- 7) Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.
- 8) For outdoor use, the Switch itself should be housed inside a protective enclosure.
- 9) Cutting power during a firmware upgrade can damage your device.
- 10) Only use attachments/accessories specified by the manufacturer.
- 11) Opening the switch or tampering with the warranty sticker can void your warranty.

Technical Specifications:

Hardware	
Applicable Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3af Power over Ethernet (PoE) IEEE 802.3x Flow Control
Ports	4 – 10/100BaseT/TX Auto-MDIX PoE / RJ-45 ports 1 x Uplink port with SC Module
Data Transfer Rate	Ethernet: 10/100 Mbps (Half / Full Duplex)
Forwarding Rate	100 Mbps: 148,800 pps; 10 Mbps: 14,880 pps
Switching capacity	1 Gbps
Power	Input 100-240 V, 50/60 Hz
LED indicator	Power, PoE, Link / Activity
Power Consumption	Min: 8 Watts (standby) PoE Max: 48 Watts
Temperature	Operating: 32° ~ 113°F (0° ~ 45°C) Storage: -4° ~ 194°F (-20° ~ 90°C)
Humidity	RH: Max 90% (non-condensing)
Dimensions	7.09 x 4.53 x 1.38 in. W x D x H (180 x 115 x 35 mm)
Weight	1.28 lbs. (0.58 kg)
Certifications	CE, FCC ROHS
PoE	
Power over Ethernet	Up to 15.4 watts for PoE (PoE output 48 Volts DC) PoE supply: pin 3,6 for power- and pin 1,2 for power+

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